Climate Change and Human Health Literature Portal



Update on global climate change

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Abstract:

Global climate change brings new challenges to the control of infectious diseases. Since many waterborne and vector-borne pathogens are highly sensitive to temperature and rainfall, health risks resulting from a warming and more variable climate are potentially huge. Global climate change involves the entire world, but the poorest countries will suffer the most. Nations are coming together to address what can be done to reduce greenhouse gas emissions and cope with inevitable temperature increases. A key component of any comprehensive mitigation and adaptation plan is a strong public health infrastructure across the world. Nothing less than global public health security is at stake.

Source: Ask your librarian to help locate this item.

Resource Description

Exposure: M

weather or climate related pathway by which climate change affects health

Ecosystem Changes, Extreme Weather Event, Food/Water Quality, Food/Water Security, Food/Water Security, Precipitation, Temperature

Extreme Weather Event: Drought, Flooding, Hurricanes/Cyclones, Wildfires

Food/Water Security: Agricultural Productivity

Geographic Feature: M

resource focuses on specific type of geography

Ocean/Coastal

Geographic Location: M

resource focuses on specific location

Global or Unspecified, United States

Health Impact: M

specification of health effect or disease related to climate change exposure

Infectious Disease, Respiratory Effect

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Infectious Disease: Airborne Disease, Foodborne/Waterborne Disease, Vectorborne Disease,

Zoonotic Disease

Airborne Disease: Other Airborne Disease

Airborne Disease (other): Legionella

Foodborne/Waterborne Disease: Campylobacteriosis, Cholera, Cryptosporidiosis, Giardiasis,

Salmonellosis, Vibrioses

Vectorborne Disease: Mosquito-borne Disease, Tick-borne Disease

Mosquito-borne Disease: Dengue, Malaria, West Nile Virus

Tick-borne Disease: Anaplasmosis, Babesiosis, Lyme Disease, Powassan

Zoonotic Disease: Hantavirus Pulmonary Syndrome

Respiratory Effect: Bronchitis/Pneumonia, Other Respiratory Effect

Respiratory Condition (other): Legionella

Mitigation/Adaptation: **☑**

mitigation or adaptation strategy is a focus of resource

Adaptation

Population of Concern: A focus of content

Population of Concern: M

populations at particular risk or vulnerability to climate change impacts

Children, Low Socioeconomic Status

Resource Type: **№**

format or standard characteristic of resource

Review

Timescale: M

time period studied

Time Scale Unspecified